H3C S3600

Overview

H3C S3600 Series Ethernet Switches are a new generation of premier multi-layer switches that entirely fulfill the enterprise requirement for design and implementation of a unified, highly resilient network. One of the most important and innovative highlights of the S3600 Series Ethernet Switches is the IRF (Intelligent Resilient Framework) technology which offers the highly efficient advantage of stackable technology. IRF enables network managers to build adaptable networks with high reliability, scalability and easy management. “Pay as you go” is the slogan of the S3600 Series Ethernet Switches.

H3C S3600 Series Ethernet Switches include the following models: S3600-28P-SI, S3600-28TP-SI, S3600-28P-EI, S3600-28F-EI, S3600-28P-PWR-EI, S3600-28P-PWR-SI, S3600-52P-SI, S3600-52P-EI, S3600-52P-PWR-SI and S3600-52P-PWR-EI.

S3600-28P-SI/S3600-28P-EI/S3600-28P-PWR-SI/ S3600-28P-PWR-EI

S3600-52P-SI/S3600-52P-EI/S3600-52P-PWR-EI

S3600-28TP-SI

S3600-28F-EI

Features

Full wire-speed, multi-layer switching

- The S3600 Series offer L2/L3 wire-speed switching capability for all ports. The system offers 4 GE ports to meet the requirement of a single piece of equipment for multiple Gigabit uplinks and for access to the Gigabit server, thereby greatly increasing savings on equipment investment.
- The hardware supports L3 wire-speed switching, and is able to identify and process the application traffic flows from L2~L4.
- All ports have an independent data packet filter, and distinguish specific application flows for different management and control.

IRF Technology

Intelligent Resilient Framework (IRF) is an innovative resilient network technology that allows enterprise customers to design and implement Fast Ethernet core and aggregation that are adaptable, providing exceptional reliability, scalability and easy management. With IRF technology, the S3600 Series switches can be interconnected together to behave as a single logical switching entity called a Distributed Fabric.

From management and configuration perspectives, the Fabric appears as a single device, while from a performance perspective, each switch in the Distributed Fabric can make its own forwarding decisions, both at Layer 2 and Layer 3 for traffic that appears on its ports.

The IRF technology provides: DDM (Distributed Device Management), DRR (Distributed Resilient Routing) and DLA (Distributed Link Aggregation).

- Distributed Device Management (DDM)

  Distributed Device Management is the control system for IRF technology, responsible for distributing management and control information across the IRF Distributed Fabric.

- Distributed Resilient Routing (DRR)

  Distributed Resilient Routing, provided by Enhanced Image, is an advanced routing implementation that allows multiple interconnected switches in an IRF Distributed Fabric to behave as a single active routing entity.

- Distributed Link Aggregation (DLA)

  Distributed Link Aggregation, provided by Enhanced Image, allows networks and IRF Distributed Fabrics to be coordinated

with switches at the edge of the network. DLA guarantees high levels of resilience since failure in one of the members of the Aggregated Link results in automatic redistribution of traffic across the remaining links.

Excellent PoE (Power over Ethernet) Supply Function

The S3600 Series Switches support PoE function for the LAN switching infrastructure, which provides power over a copper Ethernet cable to an endpoint (Powered Device).

- The S3600 Series switches provide up to 48 simultaneous full-powered PoE ports at 15.4W for maximum powered-device support, such as IP telephony and wireless LAN deployments. As PSE (Power Sourcing Equipment) devices, all S3600 series Switches are 802.3af compliant PoE switches.
- With PoE and Voice VLAN technology, these innovative switches can provide the perfect solution for a converged voice and data network.

High reliability

- The S3600 Series supports STP/RSTP/ MSTP, greatly improving redundant back-up for links and fault tolerance capability, so the network can run with high levels of stability.
- The S3600 Series supports the optional RPS (Redundant Power Supply, provided by Enhanced Image), thus improving the fault tolerance capability and normal network operation duration.
- The S3600 Series supports VRRP (provided by Enhanced Image), and can build a VRRP back-up group with other L3 switches. In this way, a redundant route topological structure can be built so that when a fault occurs in guaranteeing communication continuity and reliability, network stability is maintained.
- The S3600 Series supports the VRRP backup group port tracking function. As long as this function is enabled, customers can elect to track the link state of the master's uplink port and decrease the priority of the switch when the port fails. This in turn triggers the new master to be determined in the backup group.
- The S3600 Series supports ECMP (Equal Cost Multi-path Protocol, provided by Enhanced Image) routing, which can be used for load balance and routing redundancy.

Abundant QoS policies

- The S3600 Series supports L2~L4 complex flow classification based on source MAC address、destination MAC address、VLAN、source IP address、destination IP address, ports and protocols.
- The S3600 Series supports flexible queue scheduling algorithms, which can be set on the basis of port and queue at the same time. They support Strict Priority (SP), Weighted Round Robin(WRR), Weighted Fair Queuing (WFQ), SP+WRR, and SP+WFQ; 8 priority queues and 2 drop precedence; WRED congestion avoidance algorithm and port traffic shaping.
- The S3600 Series supports Committed Access Rate (CAR) and limits the traffic speed at 64Kbit/s granularity.
- The S3600 Series can configure the Priority for Protocol Packets. Each protocol packet has its own priority. Customers can modify the priority of the protocol packet with the help of relevant QoS commands.

Flexible security control policies

- The S3600 Series supports ARP detection to guard against ARP spoofing launching by hackers or attackers. According to the ARP detection function, the switches check the validity of the ARP packets using the DHCP-Snooping table or the manually configured IP bonding table. You can also set trusted ports. ARP packets coming from the trusted ports will not be checked, while those from other ports will be checked through the DHCP-Snooping table or the manually configured IP binding table.
- The S3600 Series supports 802.1x authentication to identify users who attempt to access the network. With the 802.1x client version checking function enabled on a switch, the switch checks the version and validity of the 802.1x client running on supplicant systems to prevent those using earlier versions of the 802.1x client or illegal clients from logging in.
- The S3600 Series supports Centralized MAC address authentication. It controls accesses to a network through ports and MAC addresses. This kind of authentication requires no client software. When operating in centralized MAC address authentication mode, a switch begins to authenticate the user if it detects a new user MAC address. Additionally, the S3600 Series can perform 802.1x authentication and MAC address-based authentication simultaneously.
- The S3600 Series supports the Guest VLAN function. This

function enables supplicant systems that are not authenticated to access specific resources and thus perform the corresponding operations, such as obtaining the 802.1x client, upgrading the client, or obtaining other upgrading programs.

- The S3600 Series can also prevent unauthorized access to the network by binding any combination of MAC, IP and PORT.

Diversified System Configuration and management modes

- The S3600 Series supports Simple Network Management Protocol (SNMP) v1/v2/v3 and RMON (Remote Monitoring) v1, 1/2/3/9 groups of MIBs. These can be managed by a general network management platform such as OpenView, and H3C iMC network management system.
- The S3600 Series supports Command Line Interface (CLI), Web based network management, modem dial-up and TELNET, all of which make the equipment management more convenient.
- The S3600 Series supports HGMP V2 cluster management. After enabling HGMP V2, the network administrator can manage several member switches through one command switch and only the command switch needs a public network IP address. This can add up to large public IP address savings and also contributes significantly to more effective network management.

Abundant System Maintenance and debugging methods

- The S3600 Series supports DLDP (Device Link Detection Protocol). DLDP can detect the link status of the optical fiber cable or copper twisted pair. If DLDP finds a unidirectional link, it disables the related port automatically or informs users to disable it manually depending on the specific configuration, to avoid potential network problems.
- The S3600 Series supports Loopback detection on ports. After users enable loopback detection for Ethernet ports, the switch will monitor whether the ports have loopback on a regular basis. If the switch detects loopback for a particular port, then it will put that port under control.
- The S3600 Series supports VCT (Virtual Cable Test), convenient for troubleshooting. Customers can start the virtual cable test (VCT) to make the system test the cable connected to the current electrical Ethernet port. The test items include: whether a short or open circuit exists in the Rx/Tx direction of the cable, and the length of the cable in normal status or the length from the port to the fault point of the cable.

Specifications

Port Configuration	S3600-28P-SI / S3600-28P-EI / S3600-28P-PWR-SI/S3600-28P-PWR-EI	S3600-28TP-SI	S3600-52P-SI / S3600-52P-EI / S3600-52P-PWR-SI/ S3600-52P-PWR-EI	S3600-28F-EI
Fixed ports	(1) 24 10/100 BASE-TX Ethernet ports ; (2) 1 console port	(1) 24 10/100 BASE-TX Ethernet ports; (2) 2 10/100/1000 BASE-T Ethernet ports ; (3) 1 console port	(1) 48 10/100 BASE-TX Ethernet ports; (2) 1 console port	(1) 24 100BASE-FX SFP ports; (2) 2 10/100/1000 BASE-T Ethernet ports ; (3) 1 console port
Extended Ports	4 1000M SFP extended ports	2 1000M SFP extended ports	4 1000M SFP extended ports	2 1000M SFP extended ports
Extended Module	(1) SFP-GE-T (2) SFP-GE-SX (850nm, 0.55km) (3) SFP-GE-LX (1310nm, 10km) (4) SFP-GE-LH40 (1310nm, 40km) (5) SFP-GE-LH40 (1550nm, 40km) (6) SFP-GE-LH70 (1550nm, 70km) (7) SFP-GE-LH70 -CW (1470nm, 70km) (8) SFP-GE-LH70 -CW (1490nm, 70km) (9) SFP-GE-LH70 -CW (1510nm, 70km) (10) SFP-GE-LH70 -CW (1530nm, 70km) (11) SFP-GE-LH70 -CW (1550nm, 70km) (12) SFP-GE-LH70 -CW (1570nm, 70km) (13) SFP-GE-LH70 –CW (1590nm, 70km) (14) SFP-GE-LH70 -CW (1610nm, 70km		(1) SFP-GE-T (2) SFP-GE-SX (850nm, 0.55km) (3) SFP-GE-LX (1310nm, 10km) (4) SFP-GE-LH40 (1310nm, 40km) (5) SFP-GE-LH40 (1550nm, 40km) (6) SFP-GE-LH70 (1550nm, 70km) (7) SFP-GE-LH70 -CW (1470nm, 70km) (8) SFP-GE-LH70 -CW (1490nm, 70km) (9) SFP-GE-LH70 -CW (1510nm, 70km) (10) SFP-GE-LH70 -CW (1530nm, 70km) (11) SFP-GE-LH70 -CW (1550nm, 70km) (12) SFP-GE-LH70 -CW (1570nm, 70km) (13) SFP-GE-LH70 -CW (1590nm, 70km) (14) SFP-GE-LH70 -CW (1610nm, 70km) (15) SFP-FE-SX (1310nm, 2km) (16) SFP-FE-LX (1310nm, 15km) (17) SFP-FE-LH40 (1310nm, 40km) (18) SFP-FE-LH80 (1550nm, 80km)	

Features	S3600-SI	S3600-EI
Wire speed L2/L3 switching	Wire speed forwarding on all ports Switching capacity (28/52 ports): 12.8Gbps/17.6Gbps Packet forwarding speed (28/52 ports): 9.53Mpps/11.78Mpps	
Switching Fabric	32G bps	
Switching mode	Store and forward	
SDRAM	64M	
Buffer	32M	
Flash	8M	16M
IRF Stack	RMON on IRF HGMP on IRF Peer fabric port testing	
	Support Basic IRF stack (DDM, Dynamic link aggregation across devices), up to 8 units, stacking bandwidth is 4G bps.	Support Enhanced IRF Stack (DDM、DDR、DLA through LACP and across devices), up to 8 units, stacking bandwidth is 4G bps. Peer fabric port testing
PoE	Supported by S3600-28P-PWR-SI/EI and S3600-52P-PWR-SI/EI RPS is supported by all except S3600-28P-SI and S3600-52-SI	
Layer 2 switching		
MAC Address	l 16K MAC addresses l Adding of dynamic/static unicast MAC address, multicast MAC address, and black hole MAC Address	
VLAN	l 4K VLANs (IEEE 802.1Q) l GVRP(GARP VLAN Registration Protocol) l Support Port-based VLAN l Protocol-based VLAN l QinQ l Voice VLAN	
Link Aggregation	l Support LACP l Aggregation of FE/GE ports: Up to 8 FE or 4 GE ports in each aggregation group l Support up to 12 aggregation groups	
Mirroring	l Many-to-one port mirroring (multiple monitored ports to one monitor port N:1) l Traffic mirroring	
Flow Control	l IEEE 802.3x full-duplex flow control l Port bandwidth percentage-based Broadcast storm suppression	
Link Layer Reliability	l IEEE 802.1D Spanning Tree Protocol (STP) l IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) l IEEE 802.1s Multiple Spanning Tree Protocol instances (MSTP) l BPDU Tunnel l Support Smart Link	
Layer 3 Switching		
IP Routing	l Static routing l RIP v1/ v2 l OSPF v2 ,ECMP (EI) l VRRP(EI)	
Multicast	l IGMP snooping l IGMP v1 and v2,PIM-DM,PIM-SM,MSDP(EI)	
Mirroring	l Many-to-one port mirroring (that is, multiple mirroring ports, and one monitor port) l RSPAN(EI) l Traffic mirroring	
DHCP	l DHCP Snooping l DHCP Relay l DHCP Client l DHCP server(EI) l DHCP option 82	
Convergence		
QoS	l Packet redirection l Eight output queues on each port l Support flexible queue scheduling algorithms: SP,WRR,WFQ,SP+WRR,SP+WFQ l Support the 802.1p priority, and the DSCP priority. l Support flow rate limitation. l Support packet limitation l Support re-labeling the 802.1p and DSCP priorities of a packet.	
ACL	l L2~L4 Packet filter providing filtering based on source/destination MAC address, source/destination IP address, port, protocol, VLAN, VLAN range, MAC address range, or invalid frame l Support the time range.	

Features	S3600-SI	S3600-EI
Security		
Security Features	Support Centralized MAC address authentication Support Port isolation Support MAC address black hole Support MAC Address Learning Limit Prevent unauthorized access to the network by binding of MAC, IP and PORT Support SSH V2 (Secure Shell) Support Port security Support ARP detection Support IP source check Support EAD(endpoint admission defense) Support IEEE 802.1X user authentication Guest VLAN Support HWTACACS authentication Support HTTPS	
Management/ Maintenance		
Managementand Maintenance	Support CLI (Command Line Interface) ,console port ,Telnet configuration mode Support System configuration with SNMP v1/v2/v3 Support HGMP V2 Support RMON (Remote Monitoring) v1/v2/v3/v9 groups of MIBs Support H3C iMC , Web-based network management Detailed alarm/debug information output Support Ping, Tracert, HWping Support remote maintenance via Telnet Modems and SSH Support System log Hierarchical alarm management and alarm filtering Support DLDP (Device Link Detection Protocol) Support LLDP/LLDP-MED Saving debugging information into Flash Loopback detection on ports Support VCT (Virtual Cable Test)	
Hardware configuration		
Outline Dimensions (HxWxD)mm	• S3600-28P-SI/ S3600-52P-SI/ S3600-28TP-SI/ S3600-28P-EI/ S3600-52P-EI/ S3600-28F-EI: 43.6*440*260 mm • S3600-28P-PWR-SI/ S3600-52P-PWR-SI/ S3600-28P-PWR-EI/ S3600-52P-PWR-EI: 43.6*440*420 mm	
Weight	• S3600-28P-SI/S3600-28TP-S/S3600-28P-EI/ S3600-28F-EI: 3.5kg • S3600-52P-SI/ S3600-52P-EI: 4kg • S3600-28P-PWR-SI/ S3600-28P-PWR-EI: 5.8kg • S3600-52P-PWR-SI/ S3600-52P-PWR-EI: 6.2kg	
Input Voltage	All S3600-EI series and S3600-28P-PWR-SI can be AC-powered and DC-powered (except S3600-28P-SI & S3600-52P-SI). AC: 100v ~ 240V AC50/60Hz DC: -48 ~ -60V DC	
Maximum System Power Consumption	40W (S3600-28P-SI/S3600-28P-EI/S3600-28TP-SI) 50W (S3600-52P-SI/S3600-52P-EI) 65W (S3600-28F-EI) 450W (S3600-28P-PWR-SI/ S3600-28P-PWR-EI, AC input) Dissipated power: 150W PoE: 300W 430W (S3600-28P-PWR-SI/ S3600-28P-PWR-EI, DC input) Dissipated power: 60W PoE: 370W 465W (S3600-52P-PWR-SI/ S3600-52P-PWR-EI, AC input) Dissipated power: 165W PoE: 300W 820W (S3600-52P-PWR-SI/ S3600-52P-PWR-EI, DC input) Dissipated power: 80W PoE: 740W RPS(all EI series and S3600-28P-PWR-SI, S3600-52P-PWR-SI support)	
MTBF	S3600-28P-SI: 57.1 years S3600-52P-SI: 51.8 years S3600-28P-EI: 45.9 years S3600-52P-EI: 42.4 years S3600-28P-PWR-SI/ S3600-28P-PWR-EI: 29.5 years S3600-52P-PWR-SI/ S3600-52P-PWR-EI: 26.9 years S3600-28TP-SI: 84.5 years S3600-28F-EI: 51.9 years	
Noise Parameter	S3600-28P-SI/EI : 40.1dBA S3600-28TP-SI: 41.1dBA S3600-52P-SI/EI: 46.5dBA S3600-28F-EI: 51.3dBA S3600-28P-PWR-SI/EI: 47.3dBA S3600-52P-PWR-SI/EI: 46.3dBA	
Environment	Operation temperature: 0°C ~ 45°C Storage temperature: -40°C ~ 70°C Operating humidity: 5% to 85% non-condensing Relative humidity: 10% ~ 90%, non-condensing	

Industry standards support

- Ethernet Protocol

IEEE 802.1D (STP)
IEEE 802.1p (CoS)
IEEE 802.1Q (VLANs)
IEEE 802.1s (MSTP)
IEEE 802.1w (RSTP)
IEEE 802.1Q(GVRP)
IEEE 802.1X (Security)
IEEE 802.3i (10BASE-T)
IEEE 802.3u (Fast Ethernet)
IEEE 802.3x (Flow Control)
IEEE 802.3z (Gigabit Ethernet)
IEEE 802.3ad (Link Aggregation)
IEEE 802.3p (four levels of priority)
IEEE 802.3ac (VLAN Tag Frame Extension)

- Administration Protocol

RFC 1812 (IPv4)
RFC 826 (ARP)
RFC 959 (FTP)
RFC 783 (TFTP)
RFC 768 (UDP)
RFC 791 (IP)
RFC 792 (ICMP)
RFC 793 (TCP)
RFC 2622 (Routing policy)
RFC 2474 (Diffserv)
RFC 2131 (DHCP)
RFC 1058 (RIPv1)
RFC1723 (RIPv2)
RFC 2328 (OSPF v2)
RFC 3101 (NSSA)
RFC 2370 (OSPF Opaque LSA Option)
RFC 1765 (OSPF Database Overflow)
RFC 2338 (VRRP)
RFC 2362 (PIM-SM)
RFC 1112 (IGMPv1)
RFC 2236 (IGMPv2)
RFC 2865 (RADIUS Authentication)
RFC 2866 (RADIUS Accounting)
RFC 2869 (RADIUS Extensions)
RFC 2267 (Network Ingress Filtering)
RFC 1157 (SNMP)
RFC 1902 (SNMPv2)
RFC 854 (Telnet)
RFC 896 (Congestion control in IP/TCP network)
RFC 925 (Multi-LAN ARP/Proxy ARP)
RFC 1122 (Requirements for Internet Hosts)
RFC 1156 (TCP/IP MIB)
RFC 1212 (Concise MIB definitions)
RFC 1213 (MIB for Network Management of TCP/IP based internets (MIB II))
RFC 1757 (RMON (groups 1 2 3 and 9))
RFC 1901 (Community based SNMPv2)
RFC 2573 (SNMPv3 Applications)
RFC 2576 (Coexistence between SNMP V1, V2, V3)
RFC 2597 (Assured Forwarding PHB group (partial support))
RFC 2618 (RADIUS Authentication Client MIB)
RFC 2620 (Radius Accounting MIB)
RFC 2819 (Remote Network Monitoring MIB (group 1,2,3,9))
RFC 2865 (Remote Authentication Dial In User Service)
RFC 2869bis (Radius Support for Extensible Authentication Protocol (EAP))
RFC 2932IP (Multicast Routing MIB)
RFC 3046 (DHCP/BootP Relay)

Safety and Compliance

- Emissions / Agency Approvals

CISPR 22 Class A
FCC Part 15 Class A
EN 55022 Class A
ICES -003 Class A
VCCI Class A
AS/NZS 3548 Class A
EN 61000-3-2
EN 61000-3-3

- Immunity Product conforms to:

EN 55024: 1998
EN 61000-4-2
EN 61000-4-3
EN 61000-4-4
EN 61000-4-5
EN 61000-4-6
EN 61000-4-11

- Safety Agency Certifications

UL 60950 3rd ed.

IEC 60950: 1999, corr. Feb. 2000; all national deviations

EN 60950: 2000, ZB and ZC deviations

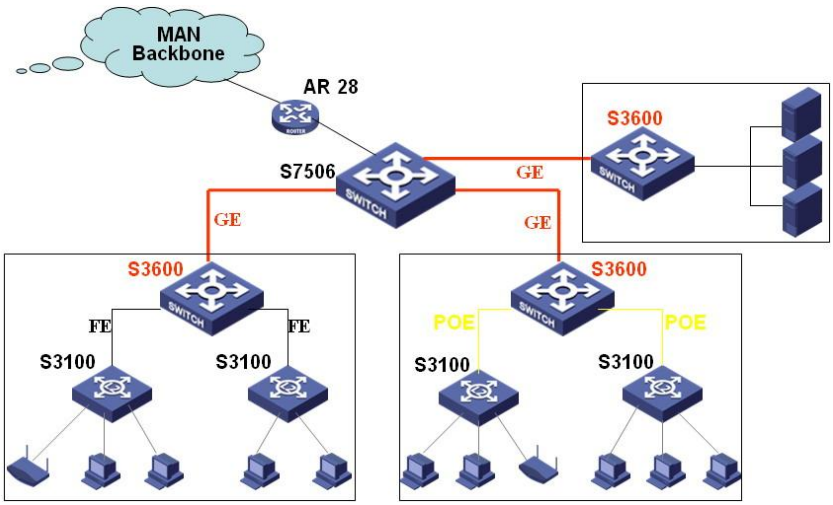
CSA 22.2 No. 950 3rd ed., 1995

AS/NZS 60950:2000, Australia

Networking Application

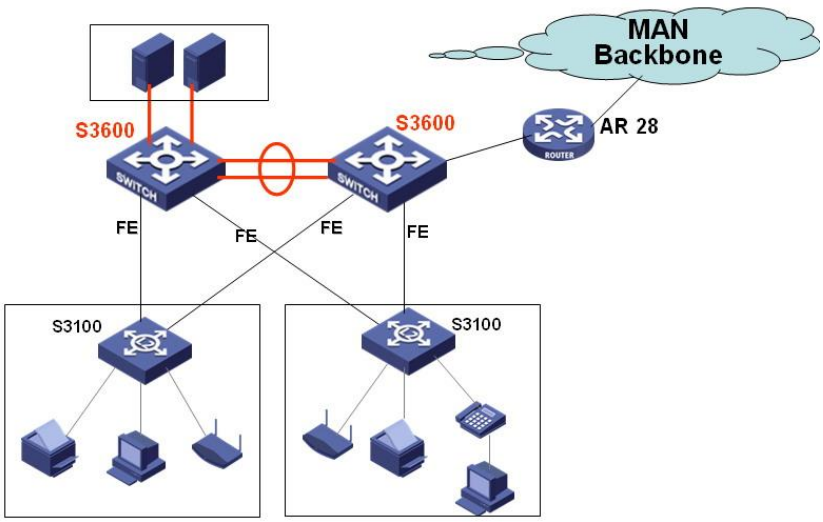
Broadband Ethernet Access for Residential Community

For the broadband Ethernet access of a residential community, the S3600 series are usually located in the center of the community. In the downlink direction, users can access the S3600 series via another switch such as the S3100 series; in the uplink direction, the S3600 series can be connected to the core layer-3 equipment via GE and finally to the WAN backbone network.



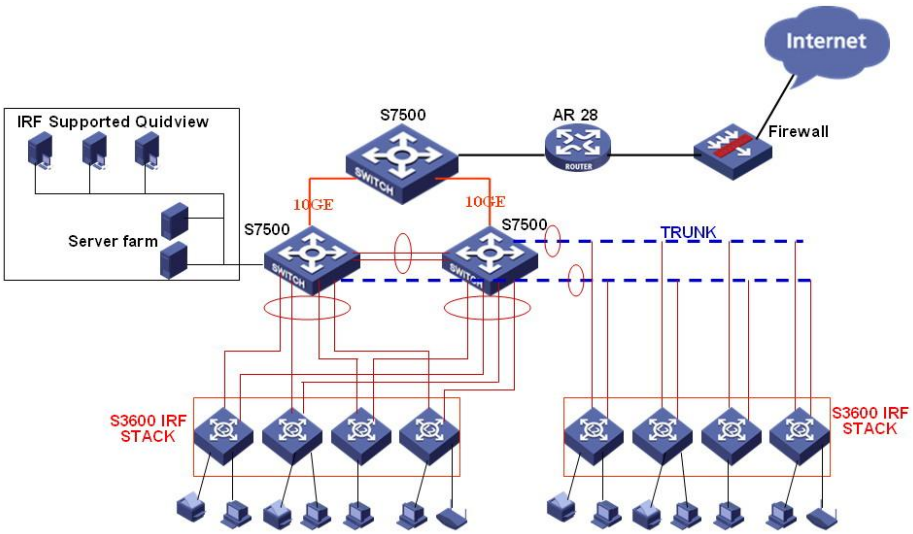
Network of Small Enterprise

In a small enterprise network, S3600 series can serve as the backbone switches, which connect to the network of headquarters or other branches. When the size of the enterprise increases, the network can also be easily expanded by using the IRF technology supported by the S3600 series. As the size of the enterprise continues to increases, the network can also be easily further expanded.



Large Enterprise Network

In a large enterprise network, the S3600 series are located at the access layer. The S3600 series can be connected to devices with IRF stack technology; in the uplink direction, the S3600 series are connected to the layer-3 switch through the GE expansion module. The diagram below formulates the Gigabit-to-backbone and 100 Mbps-to-desktop network-wide solutions for the Intranet.



Service and Support (3Com APR)

Global Services offers the resources and talents of a major corporation plus more than two decades of experience in resolving network challenges and delivering business benefits to enterprises around the world.

Global support with a personalized, local focus in the local language helps drive productivity and minimize expenses. Because we understand both the technology and the business, we're the partner you need to remain strong and competitive.

Suggested Service, Support and Training Offerings	
GuardianSM Maintenance Service	This service provides comprehensive on-site support and includes advance hardware replacement, expedited telephone technical support and software upgrades Note: May not be available in some countries
ExpressSM Maintenance Service	This service provides speedy access to H3C shipment of advance hardware replacements (including a four-hour option), expedited telephone technical support and software upgrades
Network Health Check	An activity-auditing service focused on improving network performance and productivity Includes traffic monitoring, utilization analysis, problem identification, and asset deployment recommendations Extensive report provides blueprint for action
Network Installation and Implementation Services	Experts set up and configure equipment and integrate technologies to maximize functionality and minimize business disruption For large and complex sites, implementation services include personalized configuration, project management, extended testing and coaching on network administration
Education and Training	Self-paced and instructor-led technology and product courses, plus certification programs

Product Warranty

The H3C S3600 has a Limited Lifetime hardware warranty that includes the power supply and fan assembly.

Order Information

Host

BOM Code	Name	Description
0235A10G	LS-3600-28P-SI-OVS	H3C S3600-28P-SI Ethernet Switch with 24 10/100BASE-TX Ports and 4 1000BASE-X Ports (SFP Req.) (AC 110/220V)
0235A10J	LS-3600-52P-SI-OVS	H3C S3600-52P-SI Ethernet Switch with 48 10/100BASE-TX Ports and 4 1000BASE-X Ports (SFP Req.) (AC 110/220V)
0235A10H	LS-3600-28P-EI-OVS	H3C S3600-28P-EI Ethernet Switch with 24 10/100BASE-TX Ports and 4 1000BASE-X Ports (SFP Req.) (AC 110/220V, DC 48V)
0235A10K	LS-3600-52P-EI-OVS	H3C S3600-52P-EI Ethernet Switch with 48 10/100BASE-TX Ports and 4 1000BASE-X Ports (SFP Req.) (AC 110/220V, DC 48V)
0235A10F	LS-3600-28TP-SI-OVS	H3C S3600-28TP-SI Ethernet Switch with 24 10/100BASE-TX ports, 2 1000BASE-X Ports (SFP Req.) and 2 10/100/1000BASE-T Ports (RJ45) (AC 110/220V)
0235A10C	LS-3600-28P-PWR-EI-OVS	H3C S3600-28P-PWR-EI Ethernet Switch with 24 10/100BASE-TX ports and 4 1000BASE-X Ports (SFP Req.) (AC 110/220V, DC -48V)
0235A10E	LS-3600-52P-PWR-EI-OVS	H3C S3600-52P-PWR-EI Ethernet Switch with 48 10/100BASE-TX Ports and 4 1000BASE-X Ports (SFP Req.) (AC 110/220V, DC -48V)
0235A10B	LS-3600-28P-PWR-SI-OVS	H3C S3600-28P-PWR-SI Ethernet Switch with 24 10/100BASE-TX ports and 4 1000BASE-X ports (SFP Req.) (AC 110/220V, DC -48V)
0235A10D	LS-3600-52P-PWR-SI-OVS	H3C S3600-52P-PWR-SI Ethernet Switch with 48 10/100BASE-TX Ports and 4 1000BASE-X Ports (SFP Req.) (AC 110/220V, RPS DC -48V)
0235A10L	LS-3600-28F-EI-OVS	H3C S3600-28F-EI Ethernet Switch with 24 100BASE-FX Ports(SFP Req), 2 1000BASE-X Ports(SFP Req)and 2 10/100/1000BASE-T Ports(RJ45)(AC 110/220V,DC 48V)

Optical GE Modules

BOM Code	Name	Description
0231A562	SFP-GE-SX-MM850-A	1000BASE-SX SFP Transceiver, Multi-Mode (850nm, 550m, LC)
0231A563	SFP-GE-LX-SM1310-A	1000BASE-LX SFP Transceiver, Single Mode (1310nm, 10km, LC)
02312170	SFP-GE-LH40-SM1310	1000BASE-LH40 SFP Transceiver, Single Mode (1310nm, 40km, LC)
02312172	SFP-GE-LH40-SM1550	1000BASE-LH40 SFP Transceiver, Single Mode (1550nm, 40km, LC)
02312173	SFP-GE-LH70-SM1550	1000BASE-LH70 SFP Transceiver, Single Mode (1550nm, 70km, LC)
0231A085	SFP-GE-T	1000BASE-T SFP
0231A453	SFP-GE-LH70-SM1470-CW	1000BASE-LH70 CWDM SFP Transceiver, Single Mode (1470nm, 70km, LC)
0231A454	SFP-GE-LH70-SM1490-CW	1000BASE-LH70 CWDM SFP Transceiver, Single Mode (1490nm, 70km, LC)
0231A455	SFP-GE-LH70-SM1510-CW	1000BASE-LH70 CWDM SFP Transceiver, Single Mode (1510nm, 70km, LC)
0231A456	SFP-GE-LH70-SM1530-CW	1000BASE-LH70 CWDM SFP Transceiver, Single Mode (1530nm, 70km, LC)
0231A449	SFP-GE-LH70-SM1550-CW	1000BASE-LH70 CWDM SFP Transceiver, Single Mode (1550nm, 70km, LC)
0231A450	SFP-GE-LH70-SM1570-CW	1000BASE-LH70 CWDM SFP Transceiver, Single Mode (1570nm, 70km, LC)
0231A451	SFP-GE-LH70-SM1590-CW	1000BASE-LH70 CWDM SFP Transceiver, Single Mode (1590nm, 70km, LC)
0231A452	SFP-GE-LH70-SM1610-CW	1000BASE-LH70 CWDM SFP Transceiver, Single Mode (1610nm, 70km, LC)
0231A54T	SFP-STACK-Kit	SFP Stacking Cable (150cm,including two 1000BASE-T SFP module and one stacking cable)
0231A11U	SFP-GE-LX-SM1310-BIDI	1000BASE-LX BIDI SFP Transceiver, Single Mode (TX1310/RX1490, 10km, LC)
0231A11V	SFP-GE-LX-SM1490-BIDI	1000BASE-LX BIDI SFP Transceiver, Single Mode (TX1490/RX1310, 10km, LC)

Optical FE Modules for S3600-28F-EI

BOM Code	Name	Description
0231A320	SFP-FE-SX-MM1310-A	100BASE-FX SFP Transceiver, Multi-Mode (1310nm, 2km, LC)
0231A564	SFP-FE-LX-SM1310-A	100BASE-LX SFP Transceiver, Single Mode (1310nm, 15km, LC)
0231A089	SFP-FE-LH40-SM1310	100BASE-LH40 SFP Transceiver, Single Mode (1310nm, 40km, LC)
0231A090	SFP-FE-LH80-SM1550	100BASE-LH80 SFP Transceiver, Single Mode (1550nm, 80km, LC)
0231A12T	SFP-FE-LX-SM1310-BIDI	100BASE-LX BIDI SFP Transceiver, Single Mode (TX1310/RX1550, 15km, LC)

RPS 500-A for S3600-28P-EI, S3600-52P-EI, S3600-28F-EI

BOM Code	Name	Description
0213A01T	AC-RPS500-A3	RPS500-A3 Power with 125W/12V output and 375W/48V output
0404A03V	CAB-Pwr-1m-PS3FP-I	RPS500-A3 Power cable V

RPS 1000-A for S3600-28P-PWR-SI, S3600-52P-PWR-SI,S3600-28P-PWR-EI, S3600-52P-PWR-EI,S3600-28F-EI

BOM Code	Name	Description
0213A01S	AC-RPS1000-A3	Redundant Power Supply, 2 PSU slots, with 1 PSU1500 module and 5 connector cables
0213A01G	AC-Flatpack1500-M	Power Supply Unit with 600W (AC 110V) or 1450W (AC 220V) (optional)
0404A053	CAB-RPS PoE-2m-JD5	Cable A with JD5 type connector (optional)
0404A054	CAB-RPS Non PoE-2m-JD5-A	Cable with JD5-A type connector for Non-PoE switches (optional)
0404A055	CAB-RPS Non PoE-2m-JD5	Cable B with JD5 type connector (optional)

SPARE DC CABLE FOR S3600

BOM Code	Name	Description
0404A04V	CAB-48V Pwr-2m-T2.5^2	Non-PoE Switch DC Power Input Cable-2m (optional)

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